



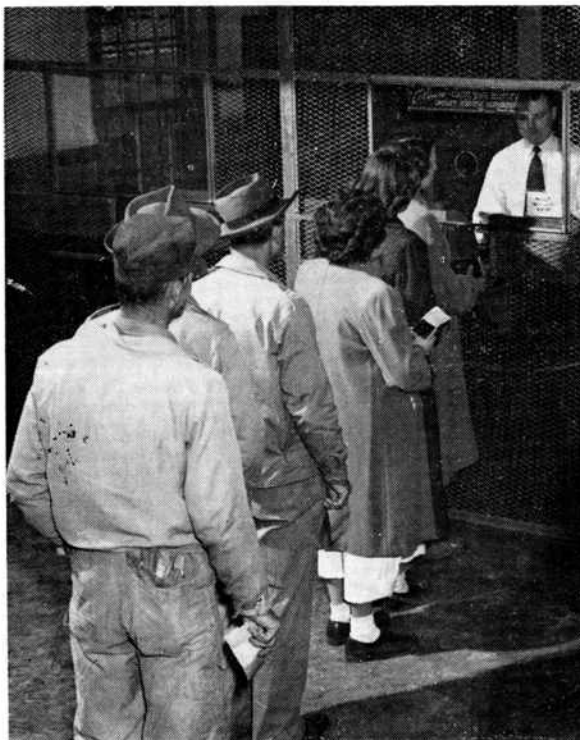
Y-12 BULLETIN

A NEWSPAPER BY AND FOR EMPLOYEES OF CARBIDE AND CARBON CHEMICALS CORPORATION IN Y-12

Volume 3, No. 44

OAK RIDGE, TENNESSEE

Wednesday, Nov. 16, 1949



Y-12 Photos By Vince Moore

THESE SCENES ARE RE-ENACTED EVERY PAY DAY WHEN EMPLOYEES THROG TO the Y-12 check cashing facility to exchange their payroll checks for good old folding money. At left, Y-12 Cashier T. A. Williams is greeted by a long line waiting to take advantage of the popular Company service while at the right J. D. Raulston, who assists Williams at the "bank" receives a check for payment.

Check Cashing Facility Popular; More Than \$5,000,000 Paid Out To Y-12ers Since 'Bank' Opened

Since its opening almost two years ago, the Y-12 check cashing facility in Building 9723-12 has been one of the most popular of the Company services provided by the Manufacturing Office Division. Much time has been saved Y-12ers in the cashing of their payroll checks on pay days by the facility and the office of the Y-12 cashier in Building 9704-2.

The Y-12 "bank," as it has become known, does a land office business every Friday and since the service was inaugurated back on February 20, 1948 the huge sum of \$5,096,547.44 has been passed through the windows in cashing their pay checks through November 4 of this year.

On the regular Friday pay days for weekly salary and hourly roll employees the checks cashed average from \$45,000 to \$50,000. This represents from 800 to 900 individuals being served every week and keeps the check cashing facility personnel busy throughout those days.

Cashier Williams In Charge

T. A. Williams, Y-12 cashier, is in charge of the check cashing facility and is assisted by J. D. Raulston. Miss Olyne Poindexter helps out in rush periods.

The cooperation of the many Y-12ers taking advantage of the facility is splendid. However, there are some simple suggestions for employees to follow to increase the efficiency of this service.

Proper Endorsement Necessary

Proper endorsement of checks is a great aid to the facility personnel. All checks should be endorsed on the reverse side on the same end as the name appears on the front. If the endorsement is at the other end it hampers the processing of the checks. The endorsement should always be the same as the name appearing on the face of the check.

Employees who will begin to receive the new type pay checks issued through IBM Machines are requested not to fold or bend them before presenting the checks for payment.

One of the most important rules in connection with operation of the "bank" is that each employee must present only his or her own check to be cashed. Identification for all check cashers is simple—their security badge.

Counting Of Money Urged

It is very important that all employees cashing checks at the facility carefully count their money before leaving the window. Little time is required and such action will prevent any mistakes being made in the transaction.

Since the facility has been opened, operation has been exceptionally smooth. Occasionally someone will absent-mindedly present the stub of a check to be cashed. When the matter is mentioned—there is an embarrassed laugh and the situation quickly cleared.

Hours Of Service Given

The "bank" is open every Friday (Continued On Page 2)

Y-12 Safety Milestone Is Neared

Now, there's no use of beginning to keep fingers crossed or "tighten up" like a fiddle string in tune—just continued carefulness and adherence to plant safety rules and procedure for about three weeks more and employees of Y-12 will pass that milestone of 1,500,000 man-hours without a lost time accident. According to present figures that mark should be reached on December 6.

The 1,500,000 man-hours of accident-free operations is the milestone as established by Carbide and Carbon Chemicals Corporation for Company recognition. It has been reached once before in Y-12 and then far exceeded.

Welfare Of Individuals Objective

Naturally, every Y-12 employee is hopeful that this milestone will be reached without incident. However, the ultimate goal in the plant—as has been pointed out many times in the past—is not just piling up records and prizes but the welfare and safety of all individual employees.

The accident prevention program in Y-12 seeks to impress on all Y-12ers that "it hurts to get hurt" and that such consequences can easily be avoided by continued observance of the simple principles of safe working habits.

Value Of Program Demonstrated

The value of this program and the seriousness with which Y-12ers have taken the plan is plainly shown by the figures of accident-free hours accumulated. A string of 246 days without a disabling accident that amounted to about 2,850,000 man-hours free from lost time injury was established during the latter half of 1948 and early this year, coming to an end April 26. The present period without a lost time mishap began on May 31.

So let's keep the record unbroken—with no injuries to cost pain and time to any employee. Avoidance of accidents by not taking chances or short cuts that might backfire will continue to keep everyone in good health—which in turn is reflected in the cold figures.

SAFETY SCOREBOARD

Your Plant Has

Operated

145 DAYS

Without A Lost Time

Accident

THROUGH NOV. 13

Electrical Maintenance Again Posts 'All Present' Record For Third Consecutive Week

Establishing a new record in Y-12 for duration of perfect attendance for a department of its size, Electrical Maintenance again came through with an "all present" report for the week ending November 6. It was the third straight week this department has posted the same figures and department employees were hopeful of extending the record for some time to come.

Electrical Maintenance is in the Major League with more than 50 employees scheduled. During the week ending November 6 there were nine other departments, all in the Minor League, with perfect attendance marks. The plant-wide absentee record for the period was 2.3 per cent, .4 per cent high than the previous week.

Buildings And Grounds Steady

Building and Grounds maintained its second place in the Major League with an absentee record of .9 per cent. In third place, advancing from eighth, was Chemical Research with a record of 1.30 per cent.

Only six of the 12 departments in the Minor League that were tied (Continued On Page 2)

K.A. Dunbar, Well-Known Here, Returns To Commission Post

A former army officer well known in Y-12, Kenneth A. Dunbar, has been named director of the office of production and engineering in the Oak Ridge Operations office of the Atomic Energy Commission, according to R. W. Cook, manager of the local AEC office.

Dunbar came to Oak Ridge in April, 1943, as an officer in the Army's Corps of Engineers and was assigned to Y-12 in plant design and construction. He was released from service in 1946 and joined the AEC to become supervisor of engineer maintenance and construction services in Y-12 until April, 1947, when he was named manager of the AEC Dayton, Ohio, Area. He returned to Oak Ridge from the Dayton assignment.

ACS Members Of Y-12 To Hear Two Outstanding Addresses, Vote For Sectional Officers

The many Y-12ers and other Oak Ridgers who are members of the East Tennessee Section of the American Chemical Society are taking keen interest in two approaching addresses to be made before sectional meetings set for Oak Ridge and also the annual election of the group.

The first of the addresses will be made by Emerson P. Poste, chemical consultant, of Chattanooga, November 21. Then on Wednesday, November 30, an outstanding talk will be made by Dr. Linus C. Pauling, president of the American Chemical Society.

Only one Y-12er is on the list of candidates for office for the coming year. He is H. P. House, nominated for secretary. Jesse M. Herndon, also of Y-12, is on the nominating committee. The election also will be held at the meeting next Monday night, November 21.

Dinners Precede Both Meetings

The program for both meetings includes a dinner at the Oak Terrace restaurant at 6:30 o'clock to be followed by the addresses at 8 o'clock. Y-12ers wishing reservations for either or both of the meetings are urged to communicate at once with H. P. House, telephone 7026. He is chairman of the section's arrangements committee.

Poste has been a resident of Chattanooga since 1925 and is part-time director of the bureau of air (Continued On Page 2)

ORNL Members Take Camera Club Honors

Oak Ridge National Laboratory members of the Carbide Camera Club, composed of employees in all three Carbide plants in Oak Ridge, took top honors in the November color slide contest staged by the group November 8. The meeting was held in the club headquarters in the Y-12 East Portal Building.

O. K. Lewis took first and third place and William S. Hornbaker second. The subject matter of the slides was fall landscapes and 27 transparencies were entered.

In addition to the contest Dr. James W. White, of the University of Tennessee physics department, gave a short talk and issued notes on application of camera lenses.

SOMEBODY ELSE FIGURED THIS—BUT IT'S GOOD

Here's a dilly for the figure filberts around the place. Sure, it works.

Put down your badge number. Double it.

Add five.

Multiply by 50.

Add your age.

Add 365.

Subtract 615.

The first four (three or five) numbers will be your badge number, the last two your age.

This monumental contribution to higher mathematics is clipped from The Carbide Courier.

All Three Carbide Facilities In Oak Ridge 'Over The Top' In Community Chest Drive

All three Oak Ridge facilities of Carbide and Carbon Chemicals Corporation surged "over the top" in the 1949 Oak Ridge Community Chest campaign, reports to Chest headquarters have indicated.

As reported last week, employees of Y-12 were the first major unit of the Industrial Division to meet and exceed its quota for the 1949 campaign. At the end of last week contributions from Y-12ers had

reached \$4,278.61, or 125.8 per cent of the assigned quota of \$3,400. At the same time Oak Ridge National Laboratory folks had turned in \$5,078.96, representing 127 per cent of quota while K-25 had reached and surpassed its goal by contributing \$8,716.14, or 106.3 per cent of its quota.

In addition to the funds subscribed by employees of the three installations, the Company contributed \$5,000 to the campaign.

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Electrical Group Sets New Attendance Mark

(Continued From Page 1)

for tops with perfect attendance figures for the week ending October 30 were able to repeat the following week. They included Receiving and Shipping, Employee Relations, Planning and Estimating, Fire Department, Manufacturing Offices and Transportation.

Three Departments Move Up

Moving up to join them were the second, third and fourth place departments of the preceding week. They were Superintendents, Maintenance Utilities and Steam Plant.

Second place in the Minor League for the week ending November 6 was taken by Plant Engineering with a percentage of .6 per cent. Then came Cafeteria and Canteens with an absentee figure of .8 per cent.

The plant-wide absentee record in Y-12 for the week ending November 6, follows:

MAJOR LEAGUE			
More than 50 Employees Scheduled			
Dept.	Absent	Percentage	Standing
2077	0.0	11-6-49	10-30-49
2014	0.9	2	2
2300	1.30	3	8
2360	1.31	4	6
2003	1.4	5	4
2616	1.6	6	3
2091	1.8	7	5
2142	2.8	8	9
2615	3.1	9	7
2320	3.7	10	10
2283	5.7	11	12
2282	7.1	12	11

Group absentee percentage was 2.4 per cent, .3 per cent higher than the preceding week.

MINOR LEAGUE			
15-49 Employees Scheduled			
Dept.	Absent	Percentage	Standing
2143	0.0	11-6-49	10-30-49
2109	0.0	1	1
2002	0.0	1	1
2093	0.0	1	1
2133	0.0	1	1
2008	0.0	1	1
2200	0.0	1	2
2005	0.0	1	3
2743	0.0	1	4
2060	0.6	2	6
2107	0.8	3	1
2619	1.0	4	5
2270	1.11	5	1
2140	1.11	5	1
2009	1.3	6	1
2001	2.4	7	1
2739	3.6	8	7
2096	6.7	9	8
2090	8.0	10	9

Group absentee percentage was 1.1 per cent, .2 per cent lower than the preceding week.

The plant average for the week ending November 6, was 2.3 per cent, .4 per cent higher than the preceding week.

ACS Members To Hear Two Fine Addresses

(Continued From Page 1)

pollution control and boiler inspection for that city. He will speak on air pollution from the point of municipal control.

Pauling Has Brilliant Career

Dr. Pauling will speak on "The Valence of Metals and the Structure of Intermetallic Compounds." He has a brilliant career in his chosen field and now is dean of the graduate school at the California Institute of Technology, where he obtained his doctorate in 1925. Fame began for him in 1931, when at the age of 30, he was the first recipient of the ACS award in pure chemistry given to chemists of unusual promise at the beginning of their careers. He has held several important posts and received many additional honors since then.

Here lies Mary's little lamb
She fed it kerosene.
One day it got too near a fire,
Since then it's no benzene.



Well, it's a good morning to you all. As usual, a lot of Y-12ers did a lot of travelling around over the week end—but only one or two showed up over in Memphis for that football game. However, watch out for the trek to Lexington this week end. Just one little reminder—be careful on those crowded highways.

Product Chemical reports Eva Sigmon spending two weeks of vacation in Florida—visiting her son in the Army at Pensacola and sister-in-law in Jacksonville. . . . Zola Marlar was a recent visitor in Maryville. . . G. I. Miller and family went to Sparta, Tenn., for a week-end trip. . . Get well wishes are extended to Lennie Messamore and Maxine Duke, both of whom have been ill. . . A. B. Campbell spent a week end in Walland. . . Naomi Wainscott went to Frankfort, Ind., for a visit with in-law relatives. . . Chuck Muzzall saw Tulane topple Vandy in Nashville. . . The department welcomes Ella Allen back to work after recovering from an infected finger.

Gwinn Harmon, Uranium Control and Computing, and her husband spent a week end in Fayetteville, N. C. . . . Betty Sepsy and her husband stepped out to the Engineer's Ball at the University of Tennessee last Saturday night. . . Bertha Crowder went to her home at Bowling Green, Ky., over the week end.

Chemical Research folks have been really on the go recently. . . J. S. Drury didn't go anywhere but had a big time staying at home in Oak Ridge on vacation and getting acquainted with his new son. . . C. F. Coleman went to New York on vacation last week to visit a friend at NYU. . . Relatives in Illinois and Michigan were visited by L. P. Twichell and family during his vacation. . . F. G. Seeley and his wife, Katy, a former Isotope and Research Development Department employee, spent a week vacationing down in the Louisiana bayou country at Baton Rouge and New Orleans. . . Dr. L. G. Overholser went over to Shelby, N. C., for one week of vacation. . . Margaret O'Neal had guests from Johnson City over a recent week end. . . C. D. Susano attended the recent marriage in Greenville, S. C., of Anna Marie Shampoux, daughter of Ray Shampoux, former Y-12er.

B. P. Hagood, of Electrical Maintenance, was on vacation last week. . . Sue Holiday took in the Vandy-Tulane football fracas while visiting relatives in Nashville last week end.

The Y-12 Fire Department feasted on wild boar meat last week as a result of the prowess of a band of hunters that included C. R. Wall, one of our fire laddies. He was on vacation recently in North Carolina and, with his uncle and a party of hunters, bagged five of the porkers.

Betty Pope, of Isotope Research and Production, recently visited Chattanooga. . . George Werner spent two weeks of vacation in North Carolina. . . Oliver Yonts and Mrs. Yonts and Bill Peed and family spent a recent week end in the Smokies. . . Henry Morgan is back after a week's vacation.

Virginia Smith, of Medical, spent the past week end visiting her sister, Edith, a former Y-12 nurse, at Kingsport.

The Stores Department hopes that T. S. Curtis, now recuperating from an operation at the Oak Ridge Hospital, will be able to return to work soon. . . M. C. Bays and E. A. Guettner vacationed in Oak Ridge last. . . The department extends sympathy to J. D. Hayes, who was called to his home in Gracey, Kan., because of the death of his wife's uncle.

L. N. Stewart, of Receiving and Shipping, is going to take to the woods and hills during his vacation—going to Tellico Plains in a party of deer hunters and then take out after some bears in the same territory.

W. E. Raby, of Chemical, is quietly vacationing at his home in By- (Continued On Page 3)



5-9974
HERE ARE GUESTS AT A CRYSTAL, CHINA AND LINEN SHOWER GIVEN NOVEMBER 4 for Edwina Shaffer, who was to have been married November 12 to John Francis Charles. The affair was given at 123 Lawrence Lane with Daisy Ward and Jincy Dingus as hostesses for their fellow employees. Standing, from left, are Mary Ruth McMurray, Earline Banic, Eunice Jones, Mary Nell Rawson, Deborah Hubbs, Genevieve Bryant, Jincy Dingus, Edwina Shaffer, Daisy Ward and Anna Ruth Roberson. Seated are Hope Williams, Yvonne Hinds, Isabelle McMurray, Juanita Moore, Anna Rogers and Lea Jean Wilson.



Miss Mary Elizabeth Farris
FARRIS—EDMONDSON

Miss Mary Elizabeth Farris, step-daughter of N. B. Foust, a Y-12 employee, and Mrs. Foust, will be married at 12:30 p.m., Sunday, November 20, in the West Chapel Church in Oak Ridge, to Carroll Dean Edmondson. Edmondson is the son of Mr. and Mrs. C. W. Edmondson, of Oak Ridge.

The ceremony will be performed by the Rev. Buford Bradshaw and nuptial music will be played by Mrs. Ann Hart.

At her wedding the bride will wear a gray suit with black accessories and a corsage of red rose buds. The maid of honor will be Helen Coffey, who will wear a beige suit with black accessories. Best man will be William Coffey.

Following the ceremony a reception will be held at the home of the bride's parents at 144 Illinois Ave., where the couple will live.

Y-12 Check Cashing Facility Is Popular

(Continued From Page 1)

from 7 a. m. to 4 p. m. On pay days for monthly salaried employees the service is available from 8 a. m. to 4 p. m. On the rare occasions, such as this month, when monthly pay days fall on Friday the facility will be open from 7 a. m. to 4 p. m. Payroll checks will be cashed at the cashier's office only on days when the check cashing facility is not open.

In addition to cashing the payroll checks of Y-12ers, the same service is extended to Oak Ridge National Laboratory employees stationed here.

Said the girl to her boy friend as she bade him good night; "It was fun 'no-ing you."

Chorus To Give Two Concerts In December

Two concerts have been set for the Christmas holiday season by the Oak Ridge Community Chorus, of which a number of Y-12ers are members. The annual Christmas concert of the group will be given Saturday, December 10, while on the following Thursday, December 15, an especial streamlined version of Handel's great oratorio, "The Messiah," will be presented. Both concerts are set for the high school auditorium with curtain time at 8:15 p.m.

Chorus officials have urgently invited any Y-12 employee who would like to sing with the chorus to report for rehearsals every Monday night from 7:30 p.m. to 8:30 p.m. in the small auditorium of the Jefferson Junior High School.

Admittance to the Christmas concert will be by season ticket of the Oak Ridge Civic Music Association only. However, no charge will be made to the presentation of "The Messiah," and the public is invited.



The following Y-12ers were patients in the Oak Ridge Hospital last week: Towns S. Curtis, Stores; John T. Carriker, Product Chemical; Gus Craig, Buildings and Grounds; and Robert Cherry, Steam Plant.

Public Accounting Course Proposed

An organizational meeting will be held at 6:45 o'clock next Monday night, November 21, for persons interested in enrolling in a review course in preparation for the May, 1950, examinations for certified public accountant. The meeting will be held in Room A-13 of the Oak Ridge High School, according to A. C. Kellar, director of the Oak Ridge Adult Education Program, sponsors of the course.

The proposed course would include 78 hours with meetings on Mondays and Saturdays. Instructor would be E. A. Jentges, of the AEC audit staff and a graduate of Northwestern University. Complete information on the proposed class may be obtained from Kellar at the Adult Education Office in the high school, telephone 5-2889.



Mrs. Miles E. Miller
MILLER—GROSECLOSE

The marriage of Miss Thelma Groseclose, Technical Service Laboratory employee in Y-12, to Miles E. Miller, of Knoxville, on August 27 has been announced. The marriage was performed at Lake City, Tenn.

The bride is the daughter of Mrs. J. R. Varnall, 661 Blount Ave., Knoxville; and the groom is the son of Mrs. Eunice Miller, 1030 Luttrell Ave., also of Knoxville.

At her wedding Mrs. Miller wore a blue dress with black accessories and a white orchid. Matron of honor was Mrs. Albert Headrick, sister of the bride, who wore a white dress and accessories. W. L. Parks was best man and other attendants included Albert Headrick and Mrs. J. R. Sampson, aunt of the bride.

Inquirer Stresses Need Of Secrecy

In a recent editorial, the Philadelphia Inquirer has stated that it is vitally important that atomic secrets of the United States be closely safeguarded, although feeling that a "check rein" might be advisable to establish more extensive controls over Atomic Energy Commission programs that call for large expenditures of money. The Inquirer said it believed that no system of financial checks and balances should be set up over the commission that would create political control and interference with its work.

SPORTS NEWS IN Y-12

D Loop First Round Taken By Strikers

Mopping up on the Materializers for four points the Strikers scored their best game and series of the season and clinched first round honors in the D League last Tuesday night. The Termites earned the right to meet the Strikers in the position night roll off this week by trouncing the Splinters, also for four points.

The Strikers were led by Fred Kappelman, who rolled a 211 scratch single game and 546 scratch series, his best series of the year. He rounded out his domination for the night with a 241 handicap single game. With handicap, his series score was 636, to tie a mark previously posted by him. The Striker's 1,028 handicap game was tops for the night after they had rolled an 850 scratch and the handicap score was third high for the season in the league. Their 2,931 handicap series not only topped the night's scoring but was the highest gained by the team so far this season.

Termites Boost Average Scores

The entire Termite team rolled good scores in walloping the Splinters. Harold Ratjen, for the Splinters, also continued good work on the alleys by raising his scratch average to 161.48 and his handicap average to 194.33 to lead the league. For the Termites three men raised their averages as Frank Gragg climbed to 167.19, Wes Savage to 166.06 and Bill Tunnell to 161.08. In their triumph the Termites had the best scratch series of the night with 2,426.

The Isotopes and Overheads divided four points with George Wells and Paul Wilkerson, of the winners, posting good games. For the Overheads, Leonard Crawford again got his best scores of the season and Leo Hemphill made his best handicap series of the year. Will Neilson also posted his best efforts of the year in single games, both scratch and handicap.

Angstroms Continue To Improve

The Angstroms continued to improve, by dividing points with the Old Men. Elkin Burkhardt, Gerry Keilholtz and Al Southern scored well for the winners while Keith Brown and Bill Davis were best for the Old Men.

League standing follows:

Team	W	L	Team	W	L
Strikers	23	5	Materializers	13	15
Termites	18	10	Overheads	12	16
Isotopes	16	12	Old Men	11	17
Splinters	13	15	Angstroms	6	22

Interested Y-12ers Invited To Meeting Of Ski Club

Any Y-12er interested in skiing in the Great Smoky Mountains during the coming winter have been invited to attend a meeting of the Great Smoky Mountain Ski Club set for 8 o'clock Thursday night, November 17, in the Oak Ridge police training school headquarters next to the Central Bus Terminal on the Turnpike.

Several Y-12ers have been members of the club in the past and are expected to again participate in activities of the group this winter, according to Gunnar Thornton, of K-25, vice president of the club. Further information on the meeting may be obtained from him or Dovie Tallent at telephone 8-9861, Extension 127.

Movies of the club activities in the mountains last year will be shown at the meeting.

SPAIN REPORTS URANIUM

Spanish mining experts are reported in American news stories as having found new sources of uranium in the Pyrennes Mountains. Diplomatic sources in Madrid believe the reported find might influence Atlantic powers to change their attitude toward Spain.

A counter-irritant is a woman who shops all day and buys nothing.

CALL IS ISSUED FOR VOLLEYBALL

The Oak Ridge Recreation Department has invited Y-12 to enter a team in a city-wide volleyball league with play expected to begin in about two weeks. Anyone interested in playing this sport and wishing to try out for a plant team is urged to communicate at once with the Y-12 Recreation Office, North Portal, telephone 7-8252.

Dodgers Climb To Second Spot In W League

The Dodgers climbed into second place in the W League last week as they handed out a three-game whitewash defeat to the Spinners while the Kemps were being upset by the seventh-place Pick Ups by the same margin. The Controllers coasted to a two-game margin victory over the Woes to maintain first place in the loop and the Hi Balls proved they had good snake bite medicine by biting the Rattlers in two out of three games.

The Hi Balls took all top team scoring marks in the competition last week. They got a 685 scratch game and boosted it to 939 with their 1,927 scratch single series to 2,743 with handicap.

H. Thurman, of the Controllers, got the best scratch single game of the night with 176, and handicap single game with 216. Her team mate M. Franklin, posted a 589 handicap series for best in that category but H. C. Boyd, of the Pick Ups, rolled the best scratch series of 441.

League standing follows:

Team	W	L	Team	W	L
Controllers	18	6	Hi Balls	10	14
Dodgers	16	8	Rattlers	9	15
Kemps	15	9	Pick Ups	9	15
Woes	11	13	Spinners	8	16



(Continued From Page 2)

ington...Get well wishes are extended Hazel Lemons, who was on the sick list last week.

The man with the pay checks, W. (Woody) K. Palmer, was vacationing down in Texarkana last week and sending interesting postal cards back to cronies in the Manufacturing Offices Department. Maola Connor had Alma Spraker, of Lebanon, Tenn., as a recent guest.

Get well wishes are extended by Property Department to Lou Carter, who has been ill. E. P. Green went to Natural Bridge Va., last week end.

The Health Physics and Hygiene Department staged a healthy and hygienic hot dog party last Saturday night at the Grove picnic area.

A lot of Assay Laboratory folks had good reasons to be out of town recently. Ozell Pass took advantage of a long week end to visit her home in Bonny Blue, Va. Eula Hays went to Morristown. Shirley McKay is vacationing in Pennsylvania. Sammy Mattingly really has a busy week planned by attending a wedding of a cousin at Kingsport and then gadding over to Lexington, Ky., to see the UT-Ky. gridiron gallop. Vernie Sharp visited her brother in Amonota, Va., while vacationing. Sympathy is expressed to Joel Thompson over the recent death of his brother in Louisiana.

The Analytical Laboratory reports Guy Wells spending a week's vacation visiting friends in Alabama and Georgia.

L. H. (Sky) Barker, of the Superintendents Department, had as guests recently his brother, Robert A. Barker, and family, from Kings-

Wolves Again Take Top Spot In B Pin League

The Wolves edged into undisputed possession of first place in the B League last Thursday night in alley activities as they nipped four points from the Comets. Meanwhile the Bumpers could only get three from the Head Pins, bumping the Bumpers out of their share of first place previously held and placing them in second spot in the loop standing. The Rippers kept pace with the Bumpers by taking three points from the Mules and held on to third place in the red-hot league race. In other loop matches, all won by three points to one, the All Stars walloped the Bums, One-91 took the Cubs and the Tigers clawed the hot and cold Maintenance outfit for three.

Competition Close In Race

The B League has brought out the closest competition yet staged in the three plant bowling loops with the Wolves, Rippers and Bumpers jumping in and out of first place since the season opened. A ding-dong race right down to the wire in the first round is apparent.

Ernie Green, of the Bumpers, and Williams, of the All Stars, both posted 214 scratch single games for tops in that department and Green got the high handicap single game of 250. Frank Gragg, of the Wolves; posted a 549 scratch series while Bruce Whitaker rolled a 638 handicap series.

All Stars Post Good Scores

In team scoring the All Stars almost made a clean sweep of honors and their 1,100 handicap single game was tops for the season. This outfit posted a 945 scratch single game and 2,953 handicap series. However, the Wolves managed to horn in by scoring a 2,542 scratch series.

League standing follows:

Team	W	L	Team	W	L
Wolves	29	11	All Stars	20	20
Bumpers	28	12	One-91	17	23
Rippers	27	13	Cubs	15	25
Mules	24	16	Tigers	14	26
Maintenance	22	18	Bums	12	28
Comets	21	19	Head Pins	12	28



5-9967
Y-12 Photos By Vince Moore
PICTURED ABOVE ARE THE WOLVES BOWLING TEAM of the B League of plant bowlers who have been growling at the heels of the other teams in the pack all season. From left are Richard Dew, Ed Sise, Frank Gragg, Conrad Roberts, Bob Martin and Ernie Cobble. The Wolves climbed to the league leadership last week.

Ridge Basketball Play Expected To Open Second Week In December

Play in the Oak Ridge city basketball leagues for both men and women is expected to begin during the week of December 12 with six teams set for the men's circuit and five for the women's loop. Efforts are being made to obtain another team for the feminine group to round out the organization.

Meetings probably will be held at the city recreation department some time this week to perfect leagues organization and draft schedules for the coming season.

League Members Are Listed

Members of the men's circuit now preparing to start play include Y-12, Oak Ridge National Laboratory, K-25, Southern Bell, Fairchild and Clinton. The women's teams competing will include Y-12 ORNL, K-25, Roane-Anderson and Clinton.

Meanwhile the Y-12 varsity cagers, both men and women, have been working out regularly now for several weeks and are expected to be in top form when the season opens.

The practice schedule for both squads for the next few nights at the Jefferson Junior High School as announced by Recreation Supervisor Arnold Tiller, follows:

Women's Squad

Thursday, November 17, 6 p.m., new gymnasium.
Friday, November 18, 7:30 p.m., new gymnasium.
Monday, November 21, 6 p.m., old gymnasium.
Friday, November 25, 7:30 p.m., old gymnasium.

Men's Squad

Wednesday, November 16, 6 p.m., new gymnasium.
Friday, November 18, 7:30 p.m., new gymnasium.
Monday, November 21, 8 p.m., old gymnasium.
Wednesday, November 23, 9 p.m., new gymnasium.
Friday, November 25, 7:30 p.m., new gymnasium.

Feminine Bowlers Of Y-12 Skipped By Norris Creamery

The Norris Creamery feminine bowling skipped the Y-12 lassies for three straight games in the Oak Ridge Women's City Bowling League last week as the Y-12ers just couldn't get going and failed to post even one 400 series. Norris posted games of 739, 760, 751—2,250 to 670, 663, 566—1,899 for Y-12.

Individual scoring for Y-12 was Margaret O'Neal 135, 148, 111—394; Katie Williams 149, 125, 110—384; Olyne Poindexter 126, 124, 119—369; Ruth Law, 117, 142, 107—366 and Katherine Jenkins 132, 113, 108—353.

League standing follows:

Team	W	L	Team	W	L
ORNL	23	7	R-A	15	15
Mims	20	10	C. & O.C.	14	16
Tulip Town	20	10	Y-12	10	20
Norris Creamery	18	12	Knox B'print	10	20
K-25	18	12	Fairchild	8	22
Marot	17	13	Atomizers	7	23

Our new office girl who just took up golf says it is just like automobile riding; you smack the pill, then walk.

Galloway Is Top C League Scorer

The first four teams in the C League of plant bowlers engaged in a nip and tuck battle among each other last Wednesday night and when the pins ceased tottering each of the four retained their previous positions. The Hurricanes and Guards split four points in their meeting and the Orphans and Hooks emerged with the same results.

Wins All Scoring Honors

The outstanding individual performance of the night was given by Galloway, of the Hooks. Galloway posted an even 200 scratch single game, boosted it to 241 with his handicap and also rolled a 500 scratch series that was increased to 623 with handicap.

The Hooks got a 2,730 handicap series, aided by Galloway's scores. The Orphans took scratch honors with a 771 single game and 2,127 series. The best handicap single game was posted by the Thin Pins, with 972.

Thin Pins Take Four

In the second division of the league the Short Circuits were further grounded by the Thin Pins by a whitewash of four points. In the other clash the Moles stung the Hornets for three.

League standing follows:

Team	W	L	Team	W	L
Hurricanes	22	6	Thin Pins	13	15
Guards	21	7	Moles	10	18
Orphans	17	11	Hornets	9	19
Hooks	16	12	Short Circuits	4	24

Varsity Bowlers Outscored But Take Two From Druggists

The Y-12 varsity bowling team posted some rather puny scores Monday night, November 7, against the Hoskins team and actually were outscored in total pins by the Druggists—yet managed to get out with two wins out of three games. The Y-12ers lost the first game by 773 to 738 but rallied to defeat the Pill Rollers 849 to 840 and 851 to 841 in the last two encounters. The total scores were 2,454 for Hoskins and 2,438 for the victors.

Nelson Tibbatts topped the Y-12ers with 190, 173, 169—532. Following in order were Con Roberts 130, 194, 188—512; Frank Gragg 148, 181, 174—503; Rudy Pletz 147, 156, 176—479 and Elmore Koons 123, 145, 144—412.

Teacher: "Mary, haven't you finished washing the blackboard yet? You have been washing it for an hour."

Mary: "I can't help it, the more I wash it the blacker it gets."

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Additions To Y-12 Technical Library

MATHEMATICS

HOW TO SOLVE IT . . . Gyorgy Polya. Princeton University Press, 1945. QA 11, P 781.

THE MATHEMATICS OF CIRCUIT ANALYSIS; EXTENSIONS OF THE MATHEMATICAL TRAINING OF ELECTRICAL ENGINEERS. E. A. Guillemin. N.Y., Wiley, 1949. QA 37; G 958.

NUMERICAL CALCULUS . . . William E. Milne. Princeton University Press, 1949. QA 431; M 659.

SPHERICAL HARMONICS . . . T. M. MacRobert. Second revised edition. London, Methuen, 1947. QA 406; M 174.

THEORY OF OSCILLATIONS. A. A. Andronov and C. E. Chaikin. English language edition, edited by S. Lefschetz. Princeton University Press, 1949. QA 871; A 575.

PHYSICS

MULTIPLE-BEAM INTERFEROMETRY OF SURFACES AND FILMS. Samuel Tolansky. Oxford, Clarendon Press, 1948. QC 411; T 647.

RADIOACTIVE TRACER TECHNIQUES. George K. Schweitzer and Ira B. Whitney. N.Y., Van Nostrand, 1949. QC 721; S 413.

THE THEORY OF ELECTRONS AND ITS APPLICATIONS TO THE PHENOMENA OF LIGHT AND RADIANT HEAT . . . Hendrik A. Lorentz. N.Y., Stechert, 1909. QA 721; L 869; Micro-film.

CHEMISTRY

PHYSICO-CHEMICAL METHODS. Joseph Reilly and William N. Rae. London, Methuen and Co., 1948. QD 457; R 362; Vol. III.

SYNTHETISCHE METHODEN DER ORGANISCHEN CHEMIE. Wilhelm Theilheimer. With English index key. Basel, N.Y., Verlag vor S. Karger, 1949. QD 262; T 276; Vol. III.

THORPE'S DICTIONARY OF APPLIED CHEMISTRY. Vol. IX. J. F. Thorpe and M. A. Whitley, assisted by eminent contributors. Fourth edition. N.Y., Longmans, Green and Co., 1949. QD 5; T 519; Reference.

TECHNOLOGY

PRINCIPLES AND METHODS OF TELEMETERING. Perry A. Borden and Gustave M. Thynell. N.Y., Reinhold, 1948. TK 399; B 728.

RADIO COMPONENT HANDBOOK. First edition. Cheltenham,

Pa., Technical Advertising Associates, 1948. TK 6560; T 252.

TECHNICAL DICTIONARY OF THE TERMS USED IN ELECTRICAL ENGINEERING, RADIO, TELEVISION, ELECTRICAL COMMUNICATION INCLUDING THE MOST USED TERMS OF ACOUSTICS, ILLUMINATION, MATERIALS, MECHANICS, OPTICS, HEATING, etc. Hans Thali. First edition. Hitzkirch, Lucerne, H. Thali and Co., Pubs., 1948. TK 9; T 265; Vol. II, German-English-French.

WELDING METALLURGY. O. H. Henry and G. E. Claussen. Second edition. N.Y., Am. Welding Soc., 1949. TS 227; H 523.

LIBRARY TOOLS

COLLEGE AND RESEARCH LIBRARIES. Chicago, American Library Association, current. New Journal subscription.

THE LANGUAGE OF THE FOREIGN BOOK TRADE . . . Jerrold Orne. Chicago, American Library Association, 1949. Z 1006; 74; Reference.

MURET-SANDERS ENCYCLOPEDIA ENGLISH-GERMAN AND GERMAN-ENGLISH DICTIONARY. Part I: English-German, by B. Klatt. Revised by E. Klatt. Part II: German-English, by H. Baumann. Brought up-to-date by E. Klatt. N.Y., F. Ungar Pub. Co., 1931. T 9; M 975; Reference.

TECHNICAL LITERATURE: ITS PREPARATION AND PRESENTATION. George E. Williams. London, G. Allen and Unwin, 1948. T 11; W 723.

Exterior Rehabilitation Set For 504 TDU Dwelling Units

Exterior Rehabilitation of 504 TDU dwelling units in the western section of Oak Ridge is expected to begin soon, as it has been announced by the Atomic Energy Commission that a contract for the work has been awarded the Midland Land and Development Co., of Midland, Tex., for \$638,349.

The buildings are located on Hamilton Circle, Hillside Road, Illinois Ave., Jarrett Lane, Jefferson Ave., West Outer Drive and Robertsville Road. The work will consist generally of new foundations, roofing and sheet metal work, replacing glass, painting and other

Plant Records Department Facilities In Y-12 Impress AEC Visitors To Recent Library Meeting

Facilities of the Y-12 Plant Records Department that include the Reports Office and Technical Library greatly impressed representatives of the Atomic Energy Commission and AEC contractors attending the recent Librarians Conference in Oak Ridge. The approximately 65 persons attending the conference, staged October 27 and 28, held the final day meeting of the session in Y-12 when they inspected the Plant Records Department quarters in Bldg. 9704-2.

Many Organizations Represented

Visitors from AEC headquarters in Washington, the University of California Radiation Laboratory at Berkeley, Cal., Brookhaven National Laboratory, Los Alamos National Laboratory, Argonne National Laboratory, Hanford Works and other organizations attended the meetings, as well as a number of library personnel from the three Carbide facilities in Oak Ridge and the NEPA Project of the Fairchild Engine and Airplane Co.

Bernard M. Fry, AEC librarian from Washington, presided over the business sessions, at which time library problems and procedures were discussed. Fry formerly was stationed in Oak Ridge with the AEC.

One Meeting Held In Y-12

The opening sessions of the conference were held in the AEC Administration Building with the final day meeting in new conference rooms in Bldg. 9764. The inspection tour of the Y-12 Plant Records Department was made with Jane Uffelman, Y-12 Technical Librarian, explaining the facilities here assisted by Phyllis Finneran, Helen Burkhalter, Marie Cardwell and others in the department.

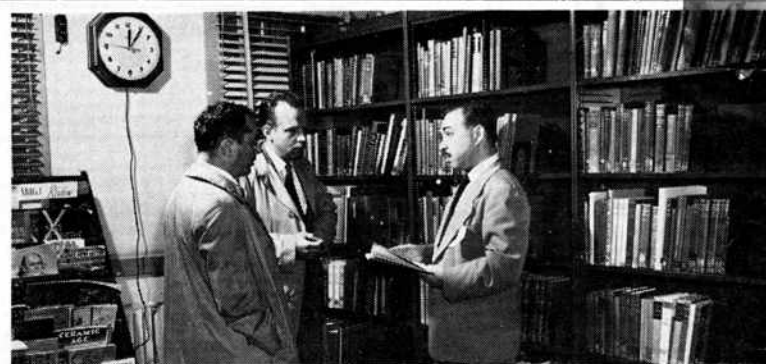
On the night of October 27, a social hour and dinner was given at the Oak Terrace sponsored by Carbide and Carbon Chemicals Corporation and a dinner sponsored jointly by Carbide and the AEC with arrangements being made by a committee composed of Jane Uffelman, Jack C. Morris, of Oak Ridge National Laboratory; and Fred E. Croxton, of K-25.

WORMS MADE RADIOACTIVE

The Associated Press has reported that a group in the medical laboratories of the Collis P. Huntington Memorial Hospital at Boston and the chemical and biological laboratories of Harvard University, have announced the creation of radioactive silkworms for the purpose of studying cancer and growths.

The project is scheduled to be completed within 420 days after work is started.

Any Y-12ers who now are tenants in any of these units will have details of the work explained to them in letters by the Roane-Anderson Co.



Y-12 Photos By Vince Moore

THE ABOVE PICTURES SHOW DELEGATES TO THE recent Librarians' Conference in Oak Ridge inspecting the light, airy, spacious and well-equipped quarters of the Y-12 Plant Records Department in Bldg. 9704-2. No. 1—Dr. I. A. Watheit and Gordon E. Randell, both of the Technical Information Branch of the AEC, and Dr. Mortimer Taube, of the AEC Washington office, from left to right, browse in the Y-12 Technical Library. No. 2—Another group inspects the Technical Library. From left in foreground they are Bernard M. Fry, AEC librarian from Washington who presided at the Oak Ridge meetings; Spencer C. Stanford, Brookhaven National Laboratory; Gilbert L. Campbell, Los Alamos National Laboratory; Alice A. Hill, Naval Radiological Defense Laboratory; Dr. Taube, Elizabeth B. Howard, NEPA Project of Fairchild Engine and Airplane Co.; Phyllis Finneran and Helen Burkhalter, of the Y-12 Plant Records Department. No. 3—Visitors inspect the Reports Office in this picture that shows, from left, Keba Littlejohn, of Y-12; Charlotte Chestnut, of the Technical Information Branch of the AEC; Dr. R. K. Wakerling, of the University of California Radiation Laboratory; and Jack C. Morris, of Oak Ridge National Laboratory; all in foreground. No. 4—This is a picture of the vault of the Reports Office, with Jane Uffelman, far left, Y-12 Technical Librarian, showing the equipment to a group of the visitors.

Three Concertos Are Featured On Listening Group Program

Concertos will be featured on the weekly record program to be given at 8 o'clock Thursday night, November 17, in the East Lounge of the Oak Ridge Recreation Hall by the Oak Ridge Music Listening Group. Featured soloists will include Pablo Casals, cellist; Edwin Fischer, pianist; Mitchell Miller, oboist; and Madeline Gray, soprano.

The first of three concertos on the program will be Boccherini's Concerto in B Flat Major for cello and orchestra with Casals as soloist, assisted by the London Philharmonic Orchestra. Mozart's Concerto No. 24 in C Minor for piano and orchestra will be performed by Fischer with the London Symphony Orchestra. Following will be Vaughn Williams' Concerto for oboe and strings with Miller as soloist accompanied by the Saiten-burg Little Symphony Orchestra. The program will be concluded with the Songs of the Auvengne, sung by Madeline Gray in Canteloube's arrangement.

The public is invited to these concerts, for which no admission is charged. The high-fidelity reproducing system of the Listening Group is available for visitors to play their own records after the program.

Schubert Movie Will Be Presented

The Oak Ridge Film Society has announced that the picture "Schubert's Serenade" will be shown for members of the society in the high school auditorium at 8 o'clock Friday night, November 18. Y-12 members of the society are reminded that they may have two free guests during the season and are urged to attend the showing.

This film portraying Schubert's life also will feature selections from the Unfinished Symphony, the Rosamunde Ballet Music, the Serenade and other selections. The chorus and ballet of the Paris Opera Co. participate in these numbers.

The time to make friends is before you need them.



Y-12 Photos By Vince Moore

A NUMBER OF Y-12 WOMEN AND WIVES OF Y-12 EMPLOYEES ARE IN THIS picture made at the recent fall banquet and initiation of the Beta Sigma Phi Sorority at the Oak Terrace. Among the Y-12ers shown include Mabel Tyler, far left in top row; Betty Lou Carter, fourth from left in back row; Florence Hauch, until recently a Y-12er, sixth; and Mrs. Fred Boody, wife of a Y-12 man, eighth; with Lillian Howard, eleventh. In the next row forward, fourth from left, is Mrs. Larry Koontz, wife of a Y-12er. Juanita Fugate is standing in the black dress in the left foreground and Lucille Whitman is seated at the opposite end of the front row.